

Title (en)

Peptide synthesizer.

Title (de)

Vorrichtung zur Herstellung von Peptiden.

Title (fr)

Synthétiseur de peptides.

Publication

EP 0546393 A1 19930616 (EN)

Application

EP 92120237 A 19921126

Priority

JP 33753191 A 19911126

Abstract (en)

A peptide synthesizer equipped with an apparatus for dissolving an amino acid derivative. The apparatus comprises a container (1) for dissolving an amino acid derivative; a bubbling nozzle (2) for bubbling the inside of the container; and means for moving the nozzle in such a manner that said nozzle swings not only laterally but also vertically in the container, so as to rub off said amino acid derivative adhered to the inner wall of said container as well as the bubbling needle. The peptide synthesizer of the present invention can prevent the amino acid derivative from adhering to the inner wall of the amino acid container and the needle by the combination action of the bubbling and the bubbling needle movement to facilitate its dissolution and achieve the complete dissolution.

IPC 1-7

B01F 3/08; **C07K 1/04**

IPC 8 full level

B01F 3/08 (2006.01); **B01J 19/00** (2006.01); **C07K 1/04** (2006.01); **C07K 14/00** (2006.01); **C40B 40/10** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP)

B01F 23/451 (2022.01); **B01J 19/0046** (2013.01); **C07K 1/045** (2013.01); **B01J 2219/00283** (2013.01); **B01J 2219/00493** (2013.01); **B01J 2219/005** (2013.01); **B01J 2219/0059** (2013.01); **B01J 2219/00596** (2013.01); **B01J 2219/00725** (2013.01); **C40B 40/10** (2013.01); **C40B 60/14** (2013.01)

Citation (search report)

- [A] FR 2156204 A1 19730525 - COULTER ELECTRONICS
- [A] DE 890728 C
- [A] Section Ch, Week 8903, 1 March 1989 Derwent Publications Ltd., London, GB; Class J01, AN 89-021780 & SU-A-1 407 524 (CORRESPONDENCE POLY)

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